

Technology of Books

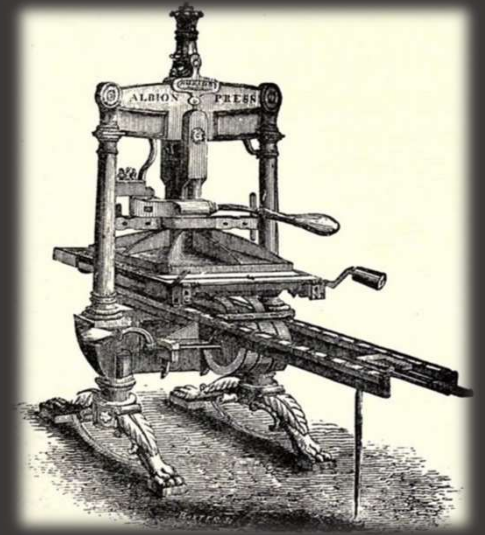
Thalia King

LIM599

Fall 2020



books = paper + ink + metallurgy + engineering





Paper invented
in China 105 AD
by Tsai Lun
for Emperor Ho TI





+



+



+

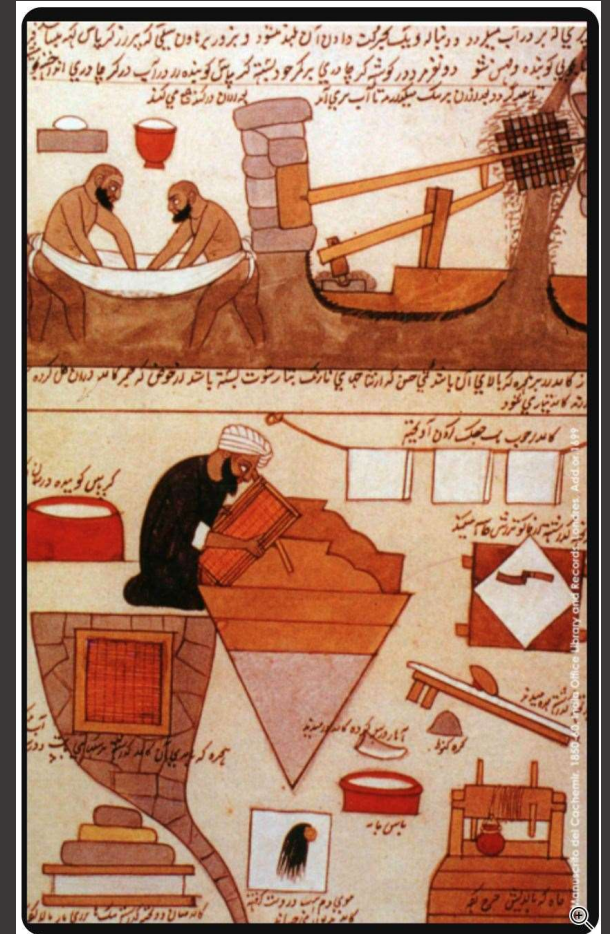
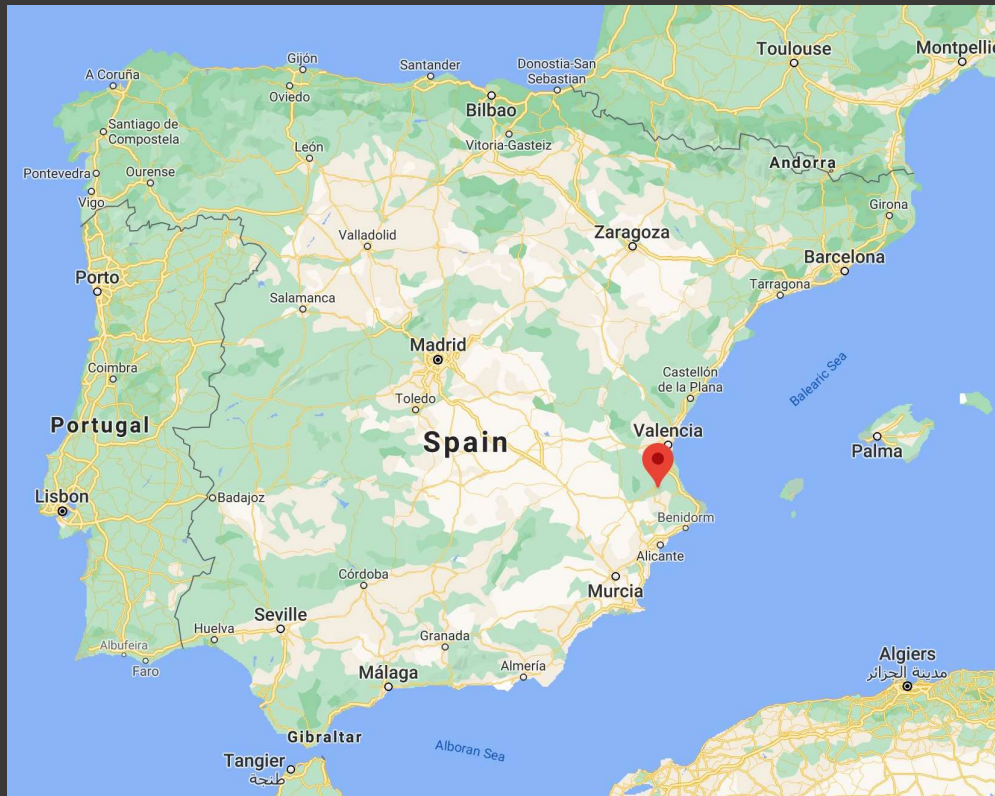


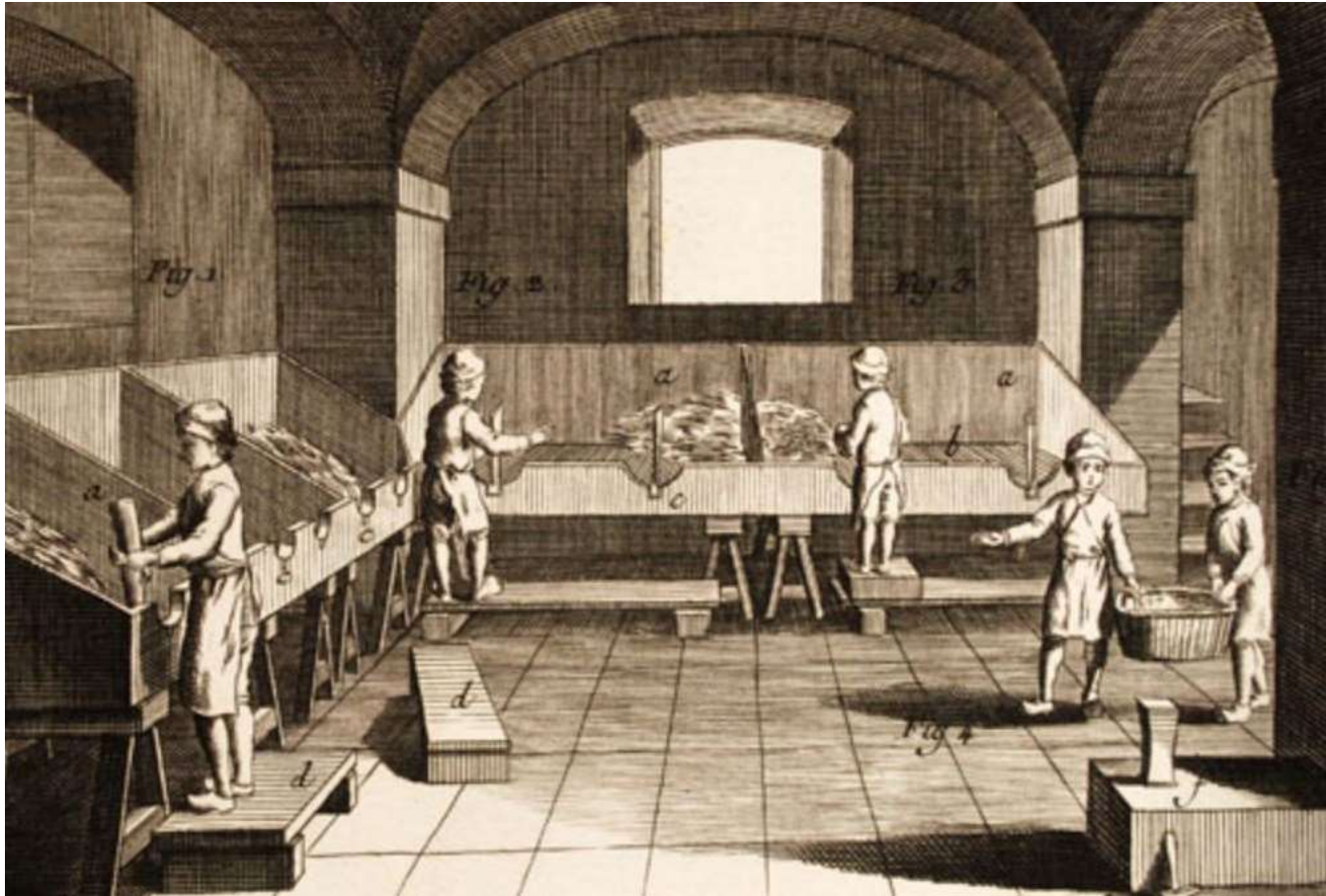
=



Paper made its way West to the Muslim world

Xativa, Spain





Europeans
made paper
with rags
more than
plant fibers.

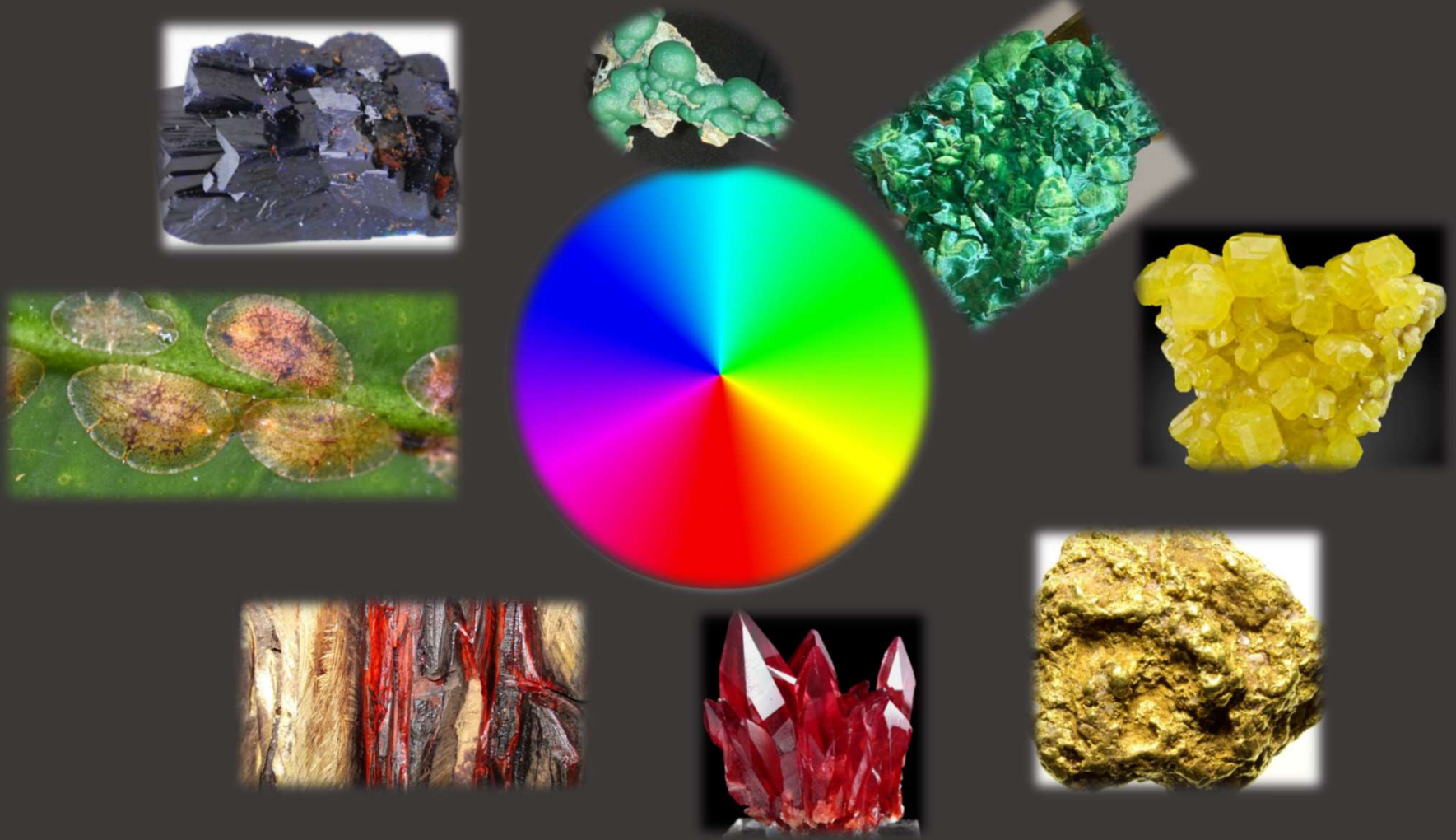




Renishaw System 1000
Spectrometer



Sources of Colors in Gutenberg Bibles



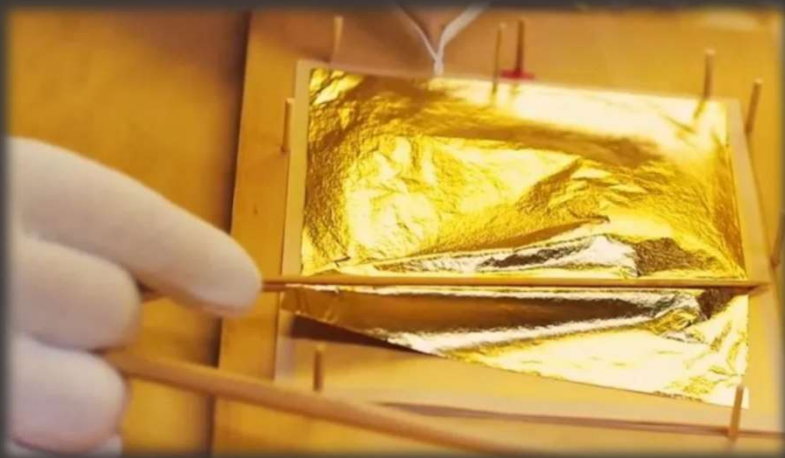
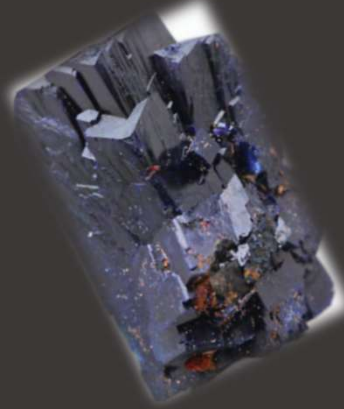
Impit epla sci Ieronimi p ad Pauli
nu presbiteru. de amicus diuine his
torie libris. Capitulum primum.

Hecce ambrosius
nauarchi munuscu
la presbiteris. detulit
simil & suauissimas
litteras: que a prin
cipio amicitia: hinc
probare iam fidel et veris amicitie
pseuerant. Vera eni illa necessitudo e
et xpi glorio copulata: qua no mili
tas rei familiaris. non pferia taneu
corpi: no subdola & palpas adulaio:
sed dei timor et diuinaru scripturarū
studia conuolant. Regius in uerebis
historijs. quos loā lustrasse puincias.
nouos adisse ppos. maria trāisse:
ut eos quos se libris itouerat: coram
q; uiderent. Sic pinagoras maniph
nicos uares. sic plato egyptum. & archi
tanu carumū. tamq; ora ytalie. que
quondā magna grecia dicebat: labo
nosissime peragueret ut qui aduēis
mgt erat. & potius cuiusq; doctrinas
athadēmic mimasia usantahat. fieret

ingressi: aliud extra urbem querecerit.
Appolloni? siue ille mag? ut vulgus
loquunt. siue plus ut pinagorici ma
dunt. serant plas. pntuū rāuātū.
albūos. scythas. massagetas. opri
lenissima indit regna puerant: et
ad egyptum laillimo pphosū anire
trāmisso puenit ad bragmanas: ut
hyarcani ut throno sederet aureo. & de
tantali font potantem. inter paucos
discipulos. de natura. de morib; ac de
tactu dicitū & fiderū audiret docentem.
Iude p clannas. babylonios. chalde
os. mēdos. assirios. parthos. hyos.
phenices. arabes. palestinos. reuer
tus ad alexandriā. pcegit ad ethio
piam: ut gignosophistas & famosilli
nam solis mensam uideret i sabulo.
Inuenit ille uix ubiq; quod disceret: &
semp proficiens. semper se melior fie
ret. Scripsit super hoc plenissime octo
uoluminibus: phylotatus. **II**

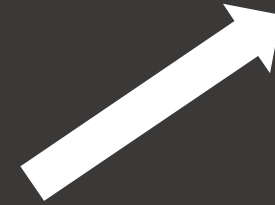
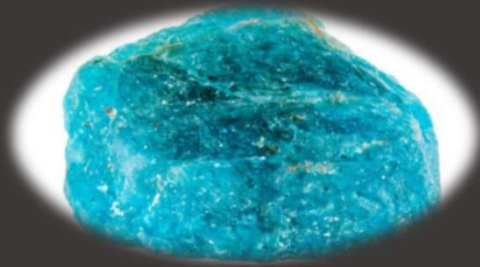
Quid loquar de seculi hominib;
cum apostolus paulus. uas e
lectionis. et magniter gentium. qui de
conscientia tanti in se hospitio loque



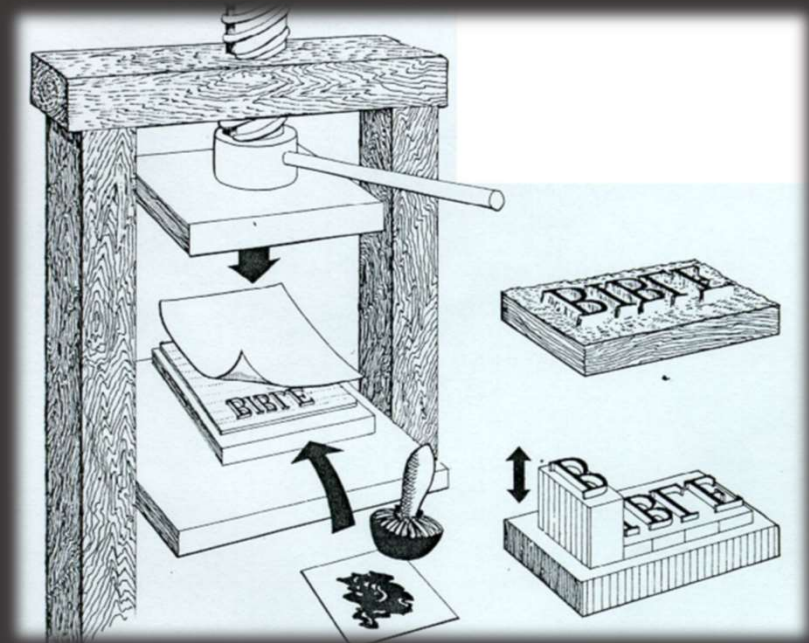


...dantes et venerabiles
Expliat euāgelium scdm
...pit plogus i euāglm scdm
Hic est iohann
...lista un' et d
...qui virgo a d
...quē de nupti
...nubere vocavit deus. Cui
...in hoc duplex testimoniū
...angelis: qd et pre ceteris d
...dicit: et huic matrem suā
...mendavit dñs. ut virginē
...ret. Deniq; manifestans i

Pigments for Ink



Metal Letters as Type Cast

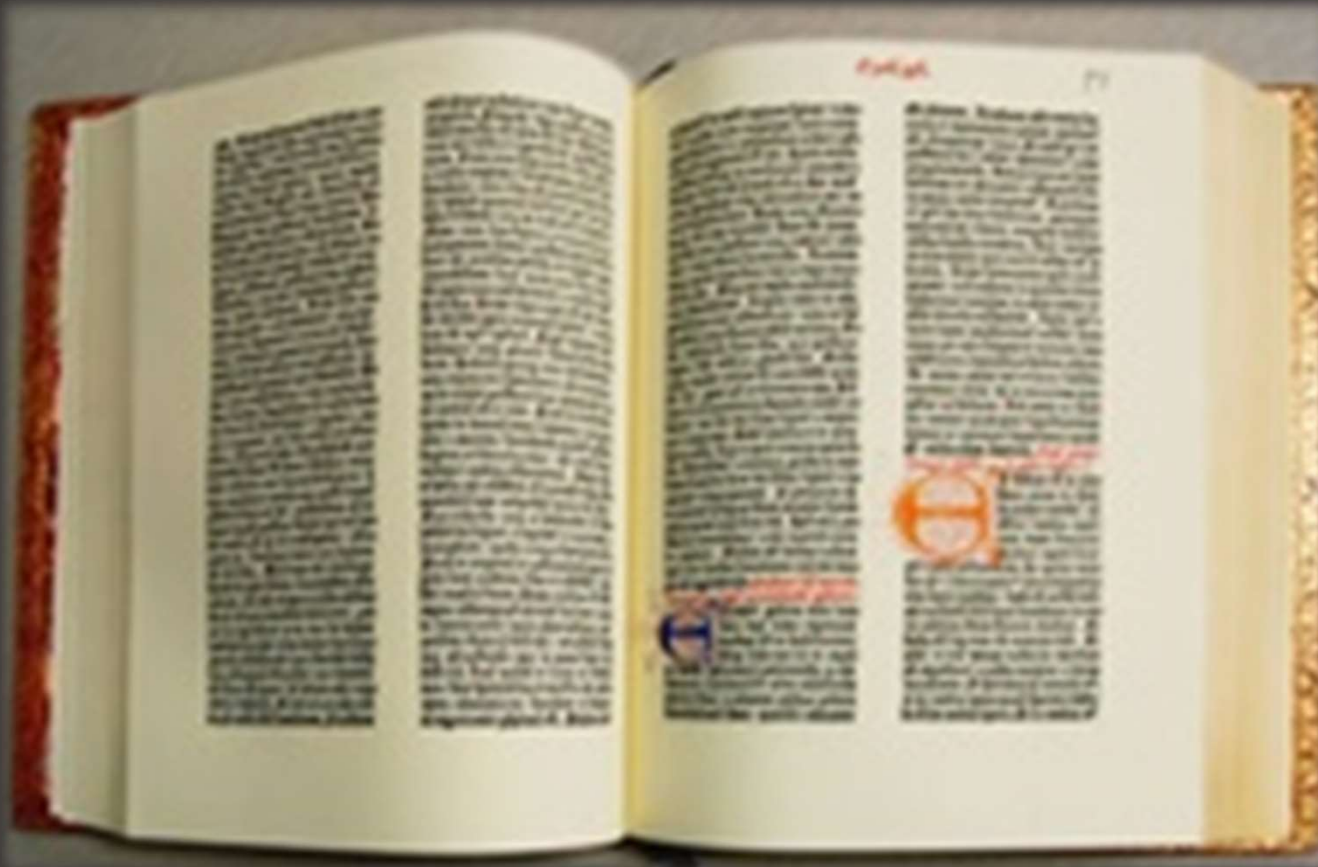




Book binding
became an
art



Books are a culmination of
technological advances



Thank you!

Tlynnking@gmail.com

